

J O B P R O F I L E

WALTER REED COMMUNITY CENTER ARLINGTON, VIRGINIA



In Arlington, Virginia, the green movement was really starting to grow.

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| PROJECT SIZE | 32,500 Sq. Ft. |
| PROJECT LENGTH | March 2005 |
| CONTRACTOR | Magco, Inc |
| LOCATION: | Arlington, Virginia |
| OWNER | County of Arlington |
| SOPREMA SYSTEM | 32s48 / 3248 |
| DECK TYPE | Steel |
| INSULATION | GAF |
| BASE PLY | Soprafix |
| CAP PLY | (48) Sopralene Flam 180 FR GR |
| FLASHING(BASE) | Soprafix |
| FLASHING(CAP) | (48) Sopralene Flam 180 FR GR |

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*The Building
Envelope
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The Walter Reed Community Center in Arlington, Virginia is serious about “going green”. In fact, the entire county of Arlington has adopted the US Green Building Council’s Leadership in Energy and Environmental Design (LEED) building rating system as a way to measure the energy and environmental performance of buildings in the county. This “green initiative” was now part of the community—it only made sense to make it a part of the new community center.



BEFORE



AFTER

From the beginning, the architect designing the Walter Reed Community Center was asked to include a green roof within the blueprints. The goal was a LEED certified Silver level building. It was at this point that Magco, Inc., a Tecta America Company, was asked to install the roof. Magco is a roofing contractor with plenty of experience installing green roofs. And they know the most important part of the project was making sure the roofing system underneath would protect the building from water while bearing the weight of the drainage boards, soil and plants which came out to about 22 pounds per square foot. But they had just the thing—a two-ply membrane system from SOPREMA, the leader in quality roofing materials. It was a huge project. The Magco crew of ten spent the next couple months laying down a smooth, base-ply membrane of SopraFix Sopralene Flam 180 followed by the second cap ply membrane of polyester reinforced SopraFix Sopralene Flam 180 FG GR White over 32,000 square feet.

Once a SOPREMA field rep inspected and approved the installation, up came the sprinklers and on went the water. For twenty-four hours straight they ran, testing the new roof for leaks. Then the drainage boards were installed, the grid system went down, and finally, the 3-inch base of soil and plant plugs.

Today, as well as knowing they are doing all they can to cut energy costs and help the environment, the County of Arlington also has peace of mind from the warranty benefits through this strong SOPREMA/Magco relationship. “There’s just one integrated manufacturers’ 20-year warranty that covers both the roof and the planting system,” says Mark Gaulin, owner of Magco, Inc., “The people at Walter Reed know that if there ever is a problem with either, there won’t be a bunch of finger pointing between the roofing material manufacturer and the installer. We both work as one.”